

Title (en)

RE-CONTENTION-BASED CO-EXISTENCE ON A SHARED COMMUNICATION MEDIUM

Title (de)

NEUKONFLIKTBASIERTE KOEXISTENZ AUF EINEM GETEILTEN KOMMUNIKATIONSMEDIUM

Title (fr)

COEXISTENCE BASÉE SUR UNE NOUVELLE CONTENTION SUR UN SUPPORT DE COMMUNICATION PARTAGÉ

Publication

EP 3338506 A1 20180627 (EN)

Application

EP 16758046 A 20160819

Priority

- US 201562207319 P 20150819
- US 201615240750 A 20160818
- US 2016047902 W 20160819

Abstract (en)

[origin: WO2017031471A1] Techniques for managing re-contention on a shared communication medium are disclosed. In order to facilitate re-contenting for access to the communication medium, an access point may adjust one or more uplink transmission parameters associated with a triggering condition for invoking a contention timer. In addition or as an alternative, the access point may mute transmission on the communication medium during one or more symbol periods designated for transmission. In addition or as an alternative, the access point may configure a timing advance to create a re-contention gap.

IPC 8 full level

H04W 74/08 (2009.01)

CPC (source: EP KR US)

H04L 5/005 (2013.01 - US); **H04L 5/14** (2013.01 - US); **H04L 69/28** (2013.01 - KR US); **H04W 72/0453** (2013.01 - KR US); **H04W 72/21** (2023.01 - KR US); **H04W 72/23** (2023.01 - KR US); **H04W 74/08** (2013.01 - EP KR US); **H04W 74/0816** (2013.01 - EP US)

Citation (search report)

See references of WO 2017031471A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017031471 A1 20170223; CN 107926052 A 20180417; CN 107926052 B 20201215; EP 3338506 A1 20180627; EP 3338506 B1 20200401; JP 2018530941 A 20181018; JP 6843836 B2 20210317; KR 102555786 B1 20230713; KR 20180042246 A 20180425; US 10542541 B2 20200121; US 10750506 B2 20200818; US 2017055260 A1 20170223; US 2020128549 A1 20200423

DOCDB simple family (application)

US 2016047902 W 20160819; CN 201680047567 A 20160819; EP 16758046 A 20160819; JP 2018508756 A 20160819; KR 20187004617 A 20160819; US 201615240750 A 20160818; US 201916721623 A 20191219